



PerinatalNB

THE NEW-BRUNSWICK
PERINATAL HEALTH PROGRAM

Coding Manual

3M Perinatal Chapter

1st Edition - 2015

****Revised - June 2019***

TABLE OF CONTENTS

General Information	6
Institutions of NB	7
Reproductive Chapter	
● Pregnancy Outcome.....	8
● Termination of Pregnancy.....	8
● Number of Babies at Birth/Termination.....	9
Mother's Information Chapter	
● Prenatal Record Available.....	10
● Work Status.....	10
● Mother's Education.....	10
● Mother's Ethnicity.....	11
● Marital Status.....	11
● Father's/Partner's Education.....	12
● Father's/Partner's Work Status.....	12
● Admitted From.....	12
● Smoked Before Pregnancy.....	13
● Number of Cigarettes.....	13
● Currently Smoking.....	14
● Number of Cigarettes.....	14
● Smoking at Delivery Time.....	14
● Number of Cigarettes.....	15
● Second Hand Smoke Exposure.....	15
● Alcohol Use Before Pregnancy.....	15
● Alcohol Intake Before Pregnancy.....	16
● Alcohol Use During Pregnancy.....	16
● Alcohol Intake During Pregnancy.....	17
● Prepregnancy Marijuana Use.....	17
● Prepregnancy Marijuana Intake.....	18
● Substances Use.....	18
● Folic Acid.....	19
● Folic Acid Dose.....	19
● Pregnancy on Contraceptive.....	19
● Method of Conception.....	19
Previous OBS History Chapter	
● Gravida.....	20
● Parity.....	20
● Previous Live Birth.....	20
● Number of Previous Term Births.....	20
● Number of Pre-Term Births.....	21
● Number of Previous Spontaneous Abortions.....	21
● Number of Previous Therapeutic Abortions.....	21
● Previous Low Birth Weight.....	21
● Previous High Birth Weight.....	22
● Previous Stillbirth.....	22

TABLE OF CONTENTS

- Previous Neonatal Deaths. 22
- Previous Caesarean Section. 22
- Antenatal provider. 22
- First Prenatal Visit Date. 23
- Prenatal Classes. 23
- Intention to Breastfeed. 23
- First Ultrasound Date. 23

Details of First Trimester Ultrasound

- EDD According to LMP. 23
- EDD According to Ultrasound. 24
- Amniocentesis. 24
- CVS 24
- Maternal Serum Screen. 25

Medical Risk Factors

- Pre-Existing Diabetes. 25
- Insulin Required. 25
- Gestational Diabetes. 25
- Insulin. 26
- Urinary Tract Infections. 26
- Anemia. 26
- Pre-existing Hypertension. 27
- Gestational Hypertension. 27
- Preeclampsia In Pregnancy. 27
- Group B Strep Results. 27
- Breastfeeding Education. 28
- Covid-19 Vaccination. 28

Labor and Delivery Chapter

- Height in cm. 29
- Height in inches. 29
- Pre-Pregnancy Weight kg. 30
- Pre-Pregnancy Weight lbs. 30
- Pre-Delivery Weight kg. 30
- Pre-Delivery Weight lbs. 31
- Type of Labor. 31
- Indication for Induction. 32
- Oxytocin (to Induce). 32
- Prostaglandin (to Induce). 33
- Augmentation. 33
- Membrane Rupture Date/Time. 33
- Spontaneous (Rupture of Membranes). 34
- ARM (to Rupture Membranes). 34
- Tocolytics Administered. 34
- Antenatal Steroids. 34
- Fetal Heart Monitor. 35

TABLE OF CONTENTS

- Caregiver at Delivery. 35
- Mode of Delivery 36
- Indication for Caesarean 37
- VBAC Eligibility. 37
- PROM. 38
- First Stage of Labor Date/Time. 38
- Unknown First Stage Labor Date/Time. 38
- Second Stage of Labor Date/Time. 38
- Unknown Second Stage of Labor Date/Time. 38
- Pain Management Method. 39

Neonate Chapter

Perinatal Results

- Birth Number. 40
- Birth Sequence. 40
- Presentation of Fetus. 40
- Stillborn. 41
- Place of Birth. 41
- Gestational Age. 41
- Gestational Method. 42
- Neonatal Assessment. 42
- Birth Length. 42
- Head Circumference. 42
- Apgar Score 1 minute. 42
- Apgar Score 5 minutes. 43
- Ventilation: Bag-Mask. 43
- Ventilation: Endotracheal Tube. 43

Abnormal Condition of Newborn

- Ventilation >30 minutes. 43
- Bronchopulmonary Dysplasia 28 days. 44
- Bronchopulmonary Dysplasia 36 weeks. 44
- Congenital Sepsis. 45
- Meningitis. 45
- PDA. 45
- Admission to SCU. 46

Stillborn Cases

- Stillborn. 46

Project 400 - Infant Feeding Form OLD FORM

- Uninterrupted Skin-to-Skin. 47
- First Feeding after birth. 47
- Feeding From Birth to Discharge/Transfer. 47
- Infant Medical Conditions. 47
- Mother Medical Conditions. 47

Project 400 - Infant Feeding Form NEW FORM

TABLE OF CONTENTS

- Uninterrupted Skin-to-Skin. 48
- Breastmilk During Hospital Stay. 48
- Feeding From Birth to Discharge/Transfer. 48
- Breastmilk at Discharge/Transfer. 48
- Medical Conditions Affecting Infant/Mother. 48

Midwifery Care Record - Maternal

- Date of First Prenatal Visit (Midwife). 49
- Gestational Age at First Visit. 49
- Intended Place of Birth During Prenatal Period 49
- Intended Place of Birth at Onset of Active Labour. 49
- Actual Place of Birth. 49
- Labour. 49
- Birth 50
- Immediate Postpartum. 50
- Transfer to Hospital Using EMS During Home Birth. 50
- Transfer to Hospital During Home Birth. 50
- If Yes, Transfer By. 50
- Second Attendant During a Home Birth 50
- Transfer of Care to Another Care Provider. 51
- If Yes, Temporary or Permanent. 51
- Consultation with Another Care Provider. 51
- Leave Midwifery Care During Pregnancy. 51
- If Yes, Why. 51
- Population Categories. 52
- Date of Discharge From Midwifery Care. 52

Midwifery Care Record - Infant

- Skin-to-Skin. 53
- First Feeding at Birth. 53
- Infant Experience Any of the Following Condition 53
- Mother Experience Any of the Following Condition 53
- Feeding From Birth to Discharge Midwife. 54
- Indication for Supplementation. 54
- Transfer of Care to Another Provider. 54
- Consultation with Another Provider. 54
- Date of Discharge From Midwifery Care. 54

**Maternal, Newborn & Congenital Anomaly Diagnosis and Procedure
Contact Information 55**

Appendix A - List of Field Changes/Modifications. 56

General Information

The Perinatal Chapter in 3M must be abstracted for any Main Patient Service(MPS) of **51 - OBS Delivered**, **54 - Newborn** and/or **97 - Neonatology**. Some exceptions may apply in MPS of **20 - Pediatrics**, **53 - OBS Aborted** and **89 - Stillborn**. Please see below for further information.

You only need to capture the **Neonate Chapter** for the babies birth. If the baby was transferred from another facility you do not need to capture the perinatal information. If the baby is born, then re-admitted into 97 - neonatology, you do not need to capture the perinatal information, as it should have been captured at birth.

REPRODUCTIVE CHAPTER IN 3M

3 of the perinatal fields must be answered for all deliveries and therapeutic abortions (TA). This includes all patients who are admitted as an **inpatient** or as a **day surgery patient**.

The following fields "Pregnancy outcome, termination of pregnancy and number of babies at birth/termination" must be captured for all 'Main Patient Service (MPS) of **51 - OBS delivered** and **53 - OBS aborted**.

STILLBORN CASES

A patient with a MPS of **89 - stillborn**, must capture the field 'stillborn' located in the Neonate Chapter in 3M.

Please see below a list of which Perinatal Chapters to complete with each Main Patient Service :

Main Patient Service	51 OBS Delivered	*54 Newborn	*97 Neonatology
Perinatal Chapter	3 fields-Reproductive	Neonate	Neonate
	Mother's Information	* only capture the neonate information during the birth admission. If transferred from another facility, you do not need to capture the perinatal information of the baby.	
	Prev. OBS History		
	Labour + Delivery		

Main Patient Service	*20 Pediatrics / 97 Neonatology WITH Admit Category of NEWBORN
Perinatal Chapter	Neonate

** This is new for DAD FY 2016-2017, Newborns born outside of the reporting hospital but their first admission is within 24 hours of life.*

Main Patient Service	53 OBS aborted	89 Stillborn
Perinatal Chapter	* 3 fields-Reproductive	1 field in Neonate
	- pregnancy outcome	- stillborn field
	- termination of pregnancy	
	- # of babies at birth/termination	

**only available in therapeutic abortions (TA) with diagnosis of O04^^ and intervention code of 5.CA.88 or 5.CA.89*

INSTITUTIONS OF NEW-BRUNSWICK

<u>Hospital No.</u>	<u>Hospital Name</u>
001*	Dr. Everett Chalmers Regional Hospital
005*	Campbellton Regional Hospital
009*	Edmundston Regional Hospital
011	Restigouche Hospital Center
012	REHAB Stan Cassidy Center (Fredericton)
015	Centracare
016	Grand Manan Hospital
018	Lamèque Hospital and Community Health Centre
020*	The Moncton Hospital
022*	Miramichi Regional Hospital
023*	Hotel Dieu of St-Joseph
026	Sackville Memorial Hospital
029*	Saint John Regional Hospital
031	St-Joseph's Hospital
032	Hôtel Dieu Saint-Joseph de Saint-Quentin
033	Charlotte County Hospital
034	Sussex Health Center
035	Tracadie-Sheila Hospital
039*	Chaleur Regional Hospital
041	Enfant-Jesus RHSJ Hospital
042	Grand Falls General Hospital
045	Stella-Maris-de-Kent Hospital
046	Oromocto Public Hospital
048*	Dr. Georges-L.Dumont University Hospital Centre
049*	Upper River Valley Hospital

Institution No.

7601*

Dr. Everett Chalmers Regional Hospital- Midwives(Home births)

*** Institutions Highlighted in bold offer Maternal/Neonatal services**

REPRODUCTIVE CHAPTER

For all OBS cases with a Main Patient Service (MPS) of **51 - OBS delivered** or **53 - OBS aborted that falls under a therapeutic abortion (TA)** the following 3 fields are mandatory for data collection.

Pregnancy outcome

Found on the Labour and Delivery Record

Dictionary provided

1	Live birth
2	Fetal death >= 20 weeks gestation (stillbirth)
3	Fetal death < 20 weeks gestation (miscarriage, abortion)
4	Unknown/missing value

For multiple births, enter a code for each baby/fetus. Up to a maximum of 6 entries.

Termination of Pregnancy

Found on the Operative Report/ Discharge Summary

*Refers to an induced termination of pregnancy (at any gestational age) after prenatal diagnosis of a congenital anomaly. This includes all genetic, congenital and deformations in the congenital period.

Dictionary provided

Y,1	Yes
N, 2	No
U, 3	Unknown

If the woman had a termination of pregnancy because of a fetal demise, unwanted pregnancy, mental health issues or any other reason other than a congenital anomaly, please indicate 'No' in this field.

Example:

** Mom was admitted to MPS 53 for a termination of pregnancy for a unwanted pregnancy.*

Termination of Pregnancy field : NO

** Mom was admitted to MPS 53 for a termination of pregnancy due to a congenital anomaly of trisomy 21.*

Termination of Pregnancy field : YES

To determine the congenital anomaly, please see the consult from the Maternal Fetal Medicine Unit, or from the available ultrasound that describes the anomalies. If you cannot determine the diagnosis with the documentation available, bring this back to the physician for clarification. It is critical that a code from ICD10 be assigned to these cases. If possible, please determine and assign the appropriate code from Chapter XVII (Q00-Q99).

**Number of babies at
birth or termination (plurality)**

Found on the Operative Report/ Labour and Delivery Record
*Refers to the number of babies the mother was carrying at birth or
termination.

Dictionary provided

1	Singleton
2	Twins
3	Triplets
4	Quadruplets
5	Quintuplets
6	Sextuplets or higher
7	Unknown

MOTHER'S INFORMATION CHAPTER

Prenatal Record Available

Refers to if the Antenatal Record is in the chart

Dictionary provided

Y, 1	Yes
N, 2	No

Unknown can not be selected.

Work Status

Found on the Antenatal Record/ Registration form

Dictionary Provided

1	No
2	Part time
3	Full time
5	Employed, not indicated whether full time or part time
4	Unknown

No = Clearly states at Home, student, Social Assistance or Volunteer/Unemployed

Part time = less than or equal to 28h per week.

Full time = greater than 28h week.

Mother's Education

Found on the Antenatal Record/ Registration form

*Refers to the highest level of education the mother completed, i.e.. If the patient has some post secondary(not currently enrolled), then select 'High School with Diploma'

Dictionary Provided

1	Without High School Diploma
2	High School with Diploma
3	Current post-secondary (includes working on college or university completion)
4	College or Trade Certification
5	University with a degree
9	Unknown

Mother's Ethnicity

Found on the Antenatal Record

*Refers to mother's ethnicity and/or racial background. This will help to determine congenital anomalies related to certain population of interest.

Please note you can enter up to 2 different choices in the abstract.

Duplicate entry is not allowed within the 4 fields.

*African Canadian has been replaced with African-Descent

*Quebecois has been replaced with French Canadian

Dictionary provided

2	African-Descent
3	Asian
4	Caucasian
5	First Nations
6	Hispanic
7	Jewish
8	Mediterranean
9	Middle Eastern
11	Other
12	Unknown
13	French Canadian

Marital Status

Found on the Antenatal Record/ Registration form

*Refers to the mother's marital status

Dictionary provided

1	Single
2	Married
3	Widowed
4	Divorced
5	Separated
6	Common law
9	Unknown

Father's/Partner's Education

Found on the Antenatal Record

*Refers to the highest level of education the father/partner has completed.

Dictionary Provided

1	Without High School Diploma
2	High School with Diploma
3	Current post-secondary (includes working on college or university completion)
4	College or Trade Certification
5	University with a degree
9	Unknown

Father's Work Status

Found on the Antenatal Record/ Registration form

Dictionary Provided

1	No
2	Part time
3	Full time
5	Employed, not indicated whether full time or part time
4	Unknown

No = Clearly states at Home, student, Social Assistance or Volunteer/Unemployed

Part time = less than or equal to 28h per week.

Full time = greater than 28h week.

Format - Fill in field

*Fill in the field as it appears on the Form.

If the pregnancy is the result of an artificial insemination (Donor), enter **98**.

If unknown, code 99.

Admitted from

Found on the Admission/Discharge Form

*Patient's location immediately prior to entering the hospital. If the mother is transferred from another hospital, select the (3) Hospital from the dictionary. The institution # for the hospital should be entered in the transfer section of the abstract.

Refer to the DAD manual - Group 4 - Field 04

Admitted from continued

Dictionary Provided

1	Birth Center Unit or free-standing facility providing care for normal deliveries, whether by physician or midwife but not for operative deliveries (C-sections)
2	Home Place of residence at the time of labour, either permanent or temporary. Infants born en-route from home are included in this category
3	Hospital Any transfers from another facility or patients admit via ER or Clinics. are included in this category.
4	Midwifery Facility Center run by midwives providing normal delivery services, whether freestanding or in hospital setting

Smoked Before Pregnancy

Found on the Antenatal Record/History and Physical/ Nursing Assessment

*Refers to smoking prior to pregnancy.

Unknown should only be coded if the physician has not marked 'yes' or 'no' on the lifestyle section of the Antenatal Record, and no other documentation clearly states smoking before pregnancy. If 'yes' is mentioned in one place, and 'no' on another, please choose 'yes'.

*No longer includes Vaping(e-cigarettes) now captured under Substance use.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

If you choose No or Unknown, 3M will bypass the next field.

Number of cigarettes

Found on the Antenatal Record/History and Physical / Nursing Assessment

Format - Number

* Code the number of cigarettes smoked per day. (01, 02 etc.)

Please note that 1/2 pack is 13 cigarettes, 1 pack is 25 cigarettes.

If the number of cigarettes are in a range, choose the highest number.

*If the women did smoke but the number of cigarettes was not recorded, code 999.

Currently smoking

Found on the Antenatal Record/Nursing assessment/ History and Physical

*Refers to smoking at any time during the prenatal period. The lifestyle section is usually completed during the first visits, however, the time of the first visit will vary. The variable will indicate smoking at any time during pregnancy.

*Does not include Vaping(e-cigarettes)

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Unknown should only be coded if the care provider has not marked 'Y' or 'N' in the lifestyle section of the Antenatal Record or the Nursing Assessment does not clarify smoking during pregnancy.

If yes is coded in one location only, choose 'Yes'.

If you choose No or Unknown, 3M will bypass the next field.

Number of cigarettes

Found on the Antenatal Record/Nursing assessment/ History and Physical

Format - number

* Code the number of cigarettes smoked per day (01,02 etc.)

Please note that 1/2 pack is 13 cigarettes, 1 pack is 25 cigarettes.

If the number of cigarettes are in a range, choose the highest number.

If the women did smoke but the number of cigarettes was not recorded, code 999.

Smoking at time of delivery

Found on the Labour and Delivery Record /Progress Notes

*This variable refers to smoking at time of admission to hospital for delivery. Does not includes Vaping(e-cigarettes)

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

If you choose No or Unknown, 3M will bypass the next field.

Number of cigarettes per day

Found on the Labour and Delivery Record/Progress Notes

Format - number

*Code the number of cigarettes smoked per day (01,02 etc.).

Please note that 1/2 pack is 13 cigarettes, 1 pack is 25 cigarettes.

If the number of cigarettes are in a range, choose the highest number.

If the women did smoke but the number of cigarettes was not recorded, code 999.

Exposure to 2nd Hand smoke

Found on the Antenatal Record

*Refers to exposure to second hand smoke during pregnancy. This includes if the mother is living with a smoker who smokes inside the house, or in a vehicle. This excludes smoking inside the garage, whether attached or detached, or smoking outside.

Dictionary Provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Alcohol Use Before Pregnancy

Found on the Antenatal Record/ Nursing assessment/ History and Physical

*Refers to use of alcohol before pregnancy or before knowing she is pregnant.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

If you choose No or Unknown, 3M will bypass the next field.

Alcohol Intake Before Pregnancy

Found on the Antenatal Record

Format - Number (0 to 10)

*Refers to the maximum alcoholic drinks prior to pregnancy. Please choose the closet range listed below.

Dictionary Provided

0	No drinks
1	1 drink / per day
2	2 drinks / per day
3	3 drinks / per day
4	4 + drinks / per day
5	1 - 2 drinks / per week
6	3 - 4 drinks / per week
7	1 - 2 drinks / per month
8	3 - 4 drinks / per month
10	Other
U	Unknown

If physician writes down "drank socially", please choose 'Other'.

Alcohol Use During Pregnancy

Found on the Antenatal Record/ Nursing assessment/ History and Physical

*Refers to use of alcohol during pregnancy. After the patient knew she is pregnant, did she consume any alcohol.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

If you choose No or Unknown, 3M will bypass the next field.

Alcohol Intake During Pregnancy

Found On the Antenatal Record

Format - Number (0 to 10)

*Refers to the maximum alcoholic drinks during pregnancy. Please choose the closest range listed below.

Dictionary Provided

0	No drinks
1	1 drink / per day
2	2 drinks / per day
3	3 drinks / per day
4	4 + drinks / per day
5	1 - 2 drinks / per week
6	3 - 4 drinks / per week
7	1 - 2 drinks / per month
8	3 - 4 drinks / per month
10	Other
U	Unknown

If physician writes down "drank socially", please choose 'Other'.

Prepregnancy Marijuana Use

Found on the Antenatal Record

*Refers to Marijuana use prior to pregnancy

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Pregnancy Marijuana Use

Found on the Antenatal Record

*Refers to Marijuana use during pregnancy

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign the code **O35.501**, mandatory, if the woman has any Marijuana use during

Pregnancy Marijuana Intake

Found on the Antenatal Record

*Refers to the amount of marijuana consumed by usage.

Dictionary Provided

1	No usage
2	1 use/per day
3	2 uses/per day
4	3 uses/per day
5	4+ uses/per day
6	1-2 uses/per week
7	3-4 uses/ per week
8	1-2/ per month
9	3-4/ per month
10	Other
11	Unknown

Substances use

Found on the Antenatal Record

*Refers to any substance use during pregnancy, now includes Opiates and Vaping(e-cigarettes). Please note you can enter up to 6 different substances into the abstract. Duplicate entry is not allowed within the 6 fields.

Dictionary Provided

4	Methadone
5	Solvents
6	Other
7	Unknown
8	None
9	Opiates
10	Vaping

If there is no information on the chart about substance use, please choose 'None'

If patient is using Marijuana please choose 'None' it will be captured under the marijuana field.

If the physician writes substance use, but does not indicate what kind, please choose unknown.

***Opiates** include, heroin, cocaine, OxyContin, hydromorphone, morphine, codeine, and oxymorphone.

Assign the code **O35.501**, mandatory, if the woman has any substances use.

Folic Acid

Found on the antenatal record

*Indicates the consumption of preconceptual **folic acid (mg)** the patient has taken.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

**If field is blank, please choose "Unknown".*

*If 'no' is selected 3m will bypass the next field

Folic Acid Dose

Found on the Antenatal Record/ Medication forms

Format - Numbers

*Refers to the dose (mcg) of **only** the preconceptual folic acid the patient has taken. This does not include the total dose of a prenatal vitamin.

*We are now collecting the dose in microgram not milligrams, example 0.4mg is equal to 400mcg

*To convert Milligram to Micrograms simply multiply your value by 1000.

If the physician only writes down prenatal vitamin taken, but does not specify the folic acid dose the vitamin contains, enter 400 (min. dose).

Pregnancy on Contraceptive

Found on the Antenatal Record

*Refers to if patient became pregnant while taking a contraceptive

Dictionary Provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Method of Conception

Found on the antenatal record

*Refers to how the pregnancy was achieved

Physician may select Spontaneous or ART, but will specify method of ART

Dictionary Provided

1	Spontaneous
2	OI
3	IUI
4	IVF
5	ICSI
6	Unknown

PREVIOUS OBS HISTORY CHAPTER

<u>Gravida</u>	<p>Found on the Labour and Delivery Record/ Antenatal Record</p> <p>Format - number (00-99)</p> <p>*The total number of times the patient has been pregnant, <u>including this pregnancy</u>. Pregnancies consisting of multiples, are counted as one.</p> <p>If unknown, code 99.</p> <p><i>When gravida is 01, 3M will bypass the next 15 fields automatically.</i></p>
<u>Parity</u>	<p>Found on the Labour and Delivery Record/ Antenatal Record</p> <p>Format - number (00-99)</p> <p>*The number of pregnancies, <u>excluding the present pregnancy</u>, which resulted in one or more infants > 20 weeks gestation (regardless of whether the infants were stillborn, died after birth or lived). Multiples are counted as one.</p> <p>If unknown, code 99.</p>
<u>Previous Live Births</u>	<p>Found on the Antenatal Record</p> <p>Format - number (00-20, 99)</p> <p>* A fetus of <u>>20 weeks gestation</u> in which there is breathing, beating of the heart, pulsation of the umbilical cord or movement of voluntary muscle. This may be different from the number of previous deliveries (for example, when multiple live births were delivered during the same delivery episode).</p> <div data-bbox="548 1241 1487 1320" style="border: 1px solid black; background-color: #e0f0e0; padding: 5px;"><p>Ex: Patient is admitted for a delivery - she already has a set of twins number of previous live births = 02</p></div> <p><i>Refer to the DAD manual, Group 18 - field 05</i></p> <p>If unknown, code 99.</p>
<u>Number of Previous Term Births</u>	<p>Found on the Antenatal Record</p> <p>Format - number (00-20, 99)</p> <p>*Refers to a infant who is born at <u>37 weeks gestation or more</u>. Multiple births delivered during the same episode count as one delivery. The number of deliveries is not dependant on the number of babies.</p> <p><i>Refer to the DAD manual, Group 18 - field 01</i></p> <p>If unknown, code 99.</p>

Number of Pre-term Births

Found on the Antenatal Record

Format - number (00- 20 , 99)

*Refers to an infant who is born between 20 - 36 completed weeks

Multiple births delivered during the same episode count as one delivery. The number of deliveries is not dependant on the number of babies.

Refer to the DAD manual, Group 18 - field 02

If unknown, code 99.

Number of Previous Spontaneous Abortions

Found on the Antenatal Record

Format - number (00-20, 99)

*Number of prior pregnancies ending in a spontaneous abortion prior to 20 weeks gestation. This includes missed abortions, miscarriages, ectopic pregnancies, any termination of a non-viable fetus.

If it's not indicated whether the abortion is spontaneous or therapeutic assume as spontaneous.

Refer to the DAD manual, Group 18 - field 03

If unknown, code 99.

Number of Previous Therapeutic Abortions

Found on the Antenatal Record

Format - number (00-20, 99)

*Number of prior pregnancies ending in a therapeutic abortion. Enter the number of previous therapeutic abortions. This includes unwanted pregnancies and terminations of pregnancies.

If it's not indicated whether the abortion is spontaneous or therapeutic, assume as spontaneous.

Refer to the DAD manual, Group 18 - field 04

If unknown, code 99.

Previous Low Birth Weight

Found on the Antenatal Record

Format - number (00-20, 99)

*Refers to infants who are born weighing <= 2499 grams. (5.5 lbs)
Enter the number of previous low birth weight infants.

Any infants at a healthy weight (2500 grams to 4000 grams), enter '0' .
If unknown, code 99.

When a patient's past obstetrical history only involves a spontaneous/therapeutic abortion, you should select '0' for these fields, and not '99' for unknown. This applies to all fields of previous obstetrical history i.e.; previous term birth, pre-term birth, stillbirths, neonatal deaths.

Previous High Birth Weight

Found on the Antenatal Record

Format - number (00-20, 99)

*Refers to infants who is born weighing > 4000 grams. (8.8 lbs) Enter the number of previous high birth weight infants.

Any infants at a healthy weight (2500 grams to 4000 grams), enter '0' .
If unknown, code 99.

Previous Stillbirths

Found on the Antenatal Record / Labour and Delivery Record

Format - number (00- 20, 99)

* A fetus > 20 weeks gestation in which there is no breathing, beating of the heart, pulsation of the umbilical cord or no signs of life.

If unknown, code 99.

Previous Neonatal Deaths

Found on the Antenatal Record / History and Physical

Format - number (00-20, 99)

*Death which occurs during the first 28 completed days of life.

Enter the number of previous neonatal deaths.

If unknown, code 99.

Previous Caesarean Sections

Found on the Antenatal Record / Labour and Delivery Record /
History and Physical

Format - number (00-20, 99)

*Number of previous C-sections.

If unknown, code 99.

Antenatal Provider

Found on the Antenatal Record

*Refers to the individual most responsible for antenatal care.

Dictionary Provided

10	Family practice physician/ General Practitioner
2	Obstetrician
4	Midwife
11	Nurse Practitioner
6	Registered Nurse
5	Other MD (Includes Residents/interns)
8	No Antenatal care
9	Unknown

Please note, in 3M you will also see the choice 12 – No caregiver at delivery, however, you will not be able to select this. A hard edit message will appear. 3M is not able to remove this choice from the dictionary.

First Antenatal visit

Found on the Antenatal Record

Format - YYYY/MM/DD

*Refers to the first prenatal visit with a healthcare provider.

If unknown, leave this field blank.

Prenatal Classes

Found on the Antenatal Record/Nursing assessment

*Refers to class taken during the present pregnancy. If the patient has taken at least one prenatal class, then code 'Yes'.

Dictionary Provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

If the woman has taken classes through an online application, internet, web-conference or face to face classes, then choose 'yes'.

Intention to Breastfeed

Found on the Birth Plan/ Nursing Assessment/Labour and Delivery Record

*Refers to if the woman intends to breastfeed on admission and/or before delivery.

Dictionary Provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

First Ultrasound date

Found on the Antenatal Record / EMR / Imaging (x-ray) reports

Format - YYYY/MM/DD

*Enter the first ultrasound date available in woman's chart

If unknown, leave this field blank.

Details of First Trimester Ultrasound

EDD According to LMP (Estimated delivery date)

Found on the Antenatal Record

Format - YYYY/MM/DD

*Refers to estimated delivery date according to last menstrual period (LMP).

Either EDD according to LMP or EDD according to ultrasound must be filled. If both dates are available, then enter both.

EDD According to Ultrasound
(Estimated delivery date)

Found on the Antenatal Record / X-ray Report

Format - YYYY/MM/DD

*Refers to estimated delivery date according to ultrasound.

If the pregnancy was from artificial insemination, please use EDD according to ultrasound, and not EDD from LMP.

Either EDD according to LMP or EDD according to ultrasound must be filled.
If both dates are available, then enter both.

Amniocentesis

Found on the Antenatal Record/ Maternal Fetal medicine consult

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

If there is no information in the chart about an amniocentesis being performed, please choose No.

An amnio is a very invasive procedures that must be indicated in the chart, if nothing is there it means the procedure was not performed.

The only time you would choose 'Unknown' in this case, is if the patient's chart had absolutely no prenatal record or information indicated on what procedures the woman received. (especially in out of province patients)

CVS

Found on the Antenatal Record/ Maternal Fetal medicine consult

*Refers to if the woman had a chorionic villus sampling.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

If there is no information in the chart about a CVS being performed, please choose No.

A CVS is a very invasive procedure that must be indicated in the chart, if nothing is there it means the procedure was not performed.

The only time you would choose 'Unknown' in this case, is if the patient's chart had absolutely no prenatal record or information indicated on what procedures the woman received. (especially in out of province patients)

Maternal Serum testing

Found on the Antenatal Record, Laboratory tests, IWK screening forms
*Refers to if the woman accepted or declined the MSS testing. Also known as QUAD screening, Prenatal Screening, Maternal Screening, Trisomy Screening

Dictionary provided

Y, 1	Accepted
N, 2	Declined
U, 3	Unknown

If you see a result in the chart, assume the woman has accepted the test.
If you see no results, and no indication she refused the test, choose Unknown.

Medical Risk Factors

Pre-Existing Diabetes

Found on the Antenatal Record/ History and Physical/Nursing Assessment

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from the category O24^^

If you choose No or Unknown, 3M will bypass the next field.

Insulin Required

Found on the Antenatal Record/ Medications Record/History and Physical
*Refers to the need of insulin.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Gestational Diabetes

Found on the Antenatal Record/ History and Physical
*Refers to diabetes related to pregnancy.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from the category O24^^

If you choose No or Unknown, 3M will bypass the next field.

Insulin

Found on the Antenatal Record/Medications Record/Nursing Assessment
*Refers to the need of insulin during pregnancy.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Urinary Tract Infection

Found on the Antenatal Record/ Nursing Assessment/History and Physical
*Refers to a UTI that was or is present during the current pregnancy.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign a Code, mandatory, from the category O23^^^ if the condition is present at the time of delivery.

Anemia

Found on the Antenatal Record/ Laboratory Reports
*If the condition was or is present at any time point during the current pregnancy.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Please Note : The values on the laboratory & testing section of the Antenatal record should be checked and not the anemia check box on the medical history page of the record. Anemia on this section refers to the medical history of anemia at any point in time and not necessary during the present pregnancy.

Assign a code, mandatory, from the category O99^^^ if the condition is present at the time of delivery.

Pre-Existing Hypertension

Found on the Antenatal Record/ History and Physical/ Nursing Assessment

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory if treated, from the category O10^^

Gestational Hypertension

Found on the Antenatal Record/ History and Physical/ Nursing Assessment

*Refers to pregnancy induced high blood pressure.

Dictionary provided

Y,1	Yes
N,2	No
U,3	Unknown

Assign a code, mandatory, from the category O13^^

Preeclampsia/eclampsia

Found on the Antenatal Record/History and Physical/Nursing Assessment

*Refers to high blood pressure in pregnant woman with protein in urine.

This condition can lead to serious complications for both the mom and baby.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from the category O11^^, O14^^, O15^^

Group B Strep Results

Found on the Antenatal Record/Labour and Delivery Record/Nursing Notes/
Progress Notes

*Refers to if the patient is Strep B positive, negative or if they declined testing

Dictionary Provided

1	Positive
2	Negative
3	Declined
9	Unknown

Breastfeeding Education

Found on the Antenatal Record, Nursing Assessment
*Refers to if the patient had any breastfeeding education

Dictionary Provided

1	Yes
2	No
3	Unknown

Covid-19 Vaccination

Found on the Antenatal Record
*Refers to the patient receiving the Covid-19 vaccination.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

LABOUR AND DELIVERY CHAPTER

Height in cm

Found on the Antenatal Record/ Nursing Assessment

Format - number

*Refers to the mother's height in centimetres.

Please note that when centimetres are entered, the corresponding number in inches will be automatically calculated in the next field.

Code 999 for an unknown value.

Round up to the nearest whole number.

Height in Inches

Found on the Antenatal Record/ Nursing Assessment

Format - number

*Refers to the mother's height in inches.

Please note that when inches are entered, the corresponding number of centimetres will be automatically calculated in the previous field.

Code 999 for an unknown value.

Round up to the nearest whole number.

Please refer to the table below for proper conversion of height.

<u>HEIGHT (feet/inches)</u>	<u>HEIGHT (inches)</u>	<u>HEIGHT (cm)</u>
<u>4'8"</u>	56	142
<u>4'9"</u>	57	145
<u>4'10"</u>	58	147
<u>4'11"</u>	59	150
<u>5'0"</u>	60	152
<u>5'1"</u>	61	155
<u>5'2"</u>	62	157
<u>5'3"</u>	63	160
<u>5'4"</u>	64	162
<u>5'5"</u>	65	165
<u>5'6"</u>	66	168
<u>5'7"</u>	67	170
<u>5'8"</u>	68	173
<u>5'9"</u>	69	175
<u>5'10"</u>	70	178
<u>5'11"</u>	71	180
<u>6'0"</u>	72	183
<u>6'1"</u>	73	185
<u>6'2"</u>	74	188

Pre-Pregnancy Weight (kg)

Found on the Antenatal Record/ Nursing Assessment

Format - number (3 Characters)

*Refers to the mother's pre-pregnancy weight in kgs.

Please note that when kilograms are entered the corresponding number of pounds will be automatically calculated in the next field.

Code 999 for an unknown value.

Enter up to one decimal place, when available.

If weight is recorded in a range, code the highest weight.

Pre-Pregnancy Weight (lbs.)

Found on the Antenatal Record/ Nursing Assessment

Format - number (3 Characters)

*Refers to the mother's pre-pregnancy weight in pounds.

Please note that when pounds are entered the corresponding number of kilograms will be automatically calculated in the previous field.

Code 999 for an unknown value.

Enter up to one decimal place, when available.

If weight is recorded in a range, code the highest weight.

Pre-Delivery Weight (kg)

Found on the Antenatal Record/ Nursing Assessment

Format - number (3 Characters)

*Refers to mother's weight just before delivery in kilograms.

If the pre-delivery weight is not available on the Nursing assessment, the patient's last weight on the Antenatal Record can be used (if it was documented within 2 week of delivery).

Please note that when kilograms are entered the corresponding number of pounds will be automatically calculated in the next field.

If pre-delivery weight is unknown, add pre-pregnancy weight and weight gain.

Code 999 for an unknown value.

Enter up to one decimal place, when available.

If weight is recorded in a range, code the highest weight.

Pre Delivery Weight (lbs.)

Found on the Antenatal Record/ Nursing Assessment

Format - number (3 Characters)

*Refers to mother's weight just before delivery in pounds.

If the pre-delivery weight is not available on the Nursing assessment, the patient's last weight on the Antenatal Record can be used (if it was documented within 2 week of delivery).

Please note that when pounds are entered the corresponding number of kilograms will be automatically calculated in the next field.

If pre-delivery weight is unknown, add pre-pregnancy weight and weight gain.

Code 999 for an unknown value.

If weight is recorded in a range, code the highest weight.

Type of Labour

Found on the Labour and Delivery Record

Dictionary Provided

1	Spontaneous
2	Induced
3	No Labour

If the woman goes into labour less than 24 hours after the last administration of medication (prostaglandin/oxytocin) for the purpose of inducing labour, the labour should be coded as induced.

If the woman goes into labour more than 24 hours after the last administration of medication (prostaglandin/oxytocin) for the purpose of inducing labour, the labour should be coded as spontaneous.

If the woman is booked for an elective caesarean section and labour did not occur, code No labour.

Indications for Induction

Found on the Labour and Delivery Record

*Refers to the reason why the woman was induced.

Dictionary Provided

1	Post dates
2	SROM (spontaneous rupture of membranes)
3	Decreased Amniotic Fluid
4	Hypertension - PIH (Pregnancy induced hypertension)
5	IDDM/ GDM (Diabetes)
6	IUGR / No growth
7	Twin/ Multiples
8	PUPP/ Cholestatic Jaundice
9	Thrombocytopenia
10	Previous stillbirth/ poor OBS History
18	Eclampsia / Preeclampsia
19	Positive Group B Strep with Rupture of Membranes
13	Macrosomia
20	Intrauterine Death
21	Fetal Anomaly
22	Low planning Score/ Fetal Distress
23	Previous Fetal Death
24	Advanced Maternal Age
25	Vaginal Bleeding/ Abruption
26	Polyhydramnios
27	History of Precipitate labour
28	Isoimmunisation
29	PROM with Chorioamnionitis
30	PROM without Chorioamnionitis
15	Social/Geographic
16	Other
17	No indications given

Oxytocin (to induce)

Found on the Labour and Delivery Record

*Refers to if the woman was given IV oxytocin to induce labour.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from category 5.AC.30.HA-I2

*Oxytocin can only be given through **IV (intravenous)**.

Prostaglandin (to induce)

Found on the Labour and Delivery Record

*Refers to if the woman was given intra-vaginal/intra-cervical prostaglandin to induce labour.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from category 5.AC.30.CK^^, 5.AC.30.CA^^

*Prostaglandin can only be given **intra-vaginal/intra-cervical or Oral.**

Unknown can not be selected.

Augmentation

Found on the Labour and Delivery Record

*This refers to any method of augmentation, by oxytocin or ARM. It will usually refer to the use of oxytocin to improve contractions after the labour has started spontaneously.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from category 5.LD.31^^

Membrane Rupture Date/Time

Found on the Labour and Delivery Record

Format - YYYY/MM/DD HH/MM

*If there is more than one rupture of membranes, record the earliest time.

If the woman has an elective C-section and there is no history of prior rupture of membranes, use the time of birth as the rupture of membranes, since the membranes would have been ruptured at the time of delivery.

If unknown, leave blank.

**** If the patient comes in for an elective c-section, there is actually no membrane rupture (or it is included in the procedure), this is why we assign the date/time of the delivery instead of the membrane rupture. Assign 'No' for both SROM and AROM fields.**

**Spontaneous
(rupture of membranes)**

Found on the Labour and Delivery Record

*Refers to if the rupture of membranes was spontaneous.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

ARM (to rupture membranes)

Found on the Labour and Delivery Record

*Refers to if the membranes were artificially ruptured.

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Tocolytics Administered

Found on the Labour and Delivery Record/ Medication Record/
Nursing Assessment

*Refers to medication used to suppress premature labour. The woman will receive this if the delivery would result in premature birth.

Ex: calcium channel blockers (nifedipine) and NSAIDs (indomethacin)

Dictionary provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

Antenatal Steroids

Found on the Medications Record/ Nursing medications

*Refers to any prenatal steroids given to women at risk of a premature birth.

Dictionary Provided

1	One complete course
2	One incomplete course
3	None

COMPLETE - is defined as two doses of 12 mgs of corticosteroids (betamethasone, beta, celestone, dexamethasone, cortisone) given 24 hours apart or 6mgs of dexamethasone, given 12 hours apart any time before delivery.

INCOMPLETE - is defined as one dose given at any time prior to delivery. If the chart does not mention steroid administration, assume none.

If no dates of administration are given, but the chart refers to 'complete' or 'partial' doses, code as such.

If no dates of administration are given and the chart does not refer to 'completeness' but indicates that steroids were administered, score as 'One incomplete course'. If the chart specifies two or more doses were administered score as 'One complete course'.

Fetal Heart Monitor

Found on the Labour Partogram/ Labour and Delivery Record

*Refers to the method of fetal surveillance used during monitoring of the labour.

Dictionary provided

4	Intermittent Auscultation (IA)
5	Continuous External Monitoring
6	Continuous Internal Monitoring

IA is recommended for healthy women without risk factors for adverse

External Monitoring is the use of EFM (Electronic Fetal Monitoring).

Internal Monitoring is the use of internally placing EFM patches on the baby's

If no Labor partogram is in the chart or it is a Elective C/section, please choose

If two different methods were used for monitoring, please use the most

Caregiver at Delivery

Found on the Labour and Delivery Record

*Refers to the healthcare provider most responsible for the woman's care at delivery.

Dictionary Provided

10	Family Practice Physician/ General Practitioner
2	Obstetrician
4	Midwife
11	Nurse Practitioner
6	Registered Nurse
5	Other (Includes Interns/Residents)
12	No Caregiver at Delivery
9	Unknown

Please Note the choice 12 – No caregiver at delivery was indicated by 8 – No antenatal care in 3M. This issue was rectified, and is now properly indicated with the right choice of 12 – No Caregiver at Delivery in the available dictionary choices in the abstract. If you select 8 – No antenatal care, a hard edit will appear.

Mode of Delivery

Found on the Labour and Delivery Record/ Operative Report/ Birth Record

*Refers to the mode of delivery used to deliver the baby(ies).

Dictionary Provided

1, ABD	Abdominal (laparotomy)
2, CSC	C-section combined transverse and vertical incision-inverted T / J
3, CSH	C-section / hysterectomy
4, CST	C-section, low segment transverse incision
5, CSV	C-section, classical incision (vertical incision in the body of the
6, CSU	C-section, type unknown
7, LVS	C-section, vertical incision
8, VAG	Vaginal
9, VAG-	Vaginal with Instrumentation
10, CWI	C-section with instrumentation

For cases with multiple births, please choose the mode of delivery for each baby. You can choose up to 4 different modes of delivery.

If a c-section, transverse incision (or any type) and instrumentation was used during delivery, please choose *C-section with instrumentation* .

If a patient has a trial of forceps that fails then proceeds to a c-section without any further instrumentation, please select "C-section with instrumentation".

Indication for Caesarean

Found on labour and delivery record

*Refers to the reason why the patient received a caesarean

Dictionary Provided

1	Advanced Maternal Age
2	Abruptio placenta
3	Breech
4	Transverse lie
5	Diabetes
6	Dystocia (includes Cephalopelvic disproportion, cervical stenosis)
7	Failed Induction
8	Failure to progress
9	Fetal Distress
10	Fetal Growth restriction
11	HIV
12	Maternal herpes simplex infection
13	Hypertensive disorders
14	Isoimmunization
15	Macrosomia suspected
16	Maternal choice (excludes due to previous c-section)
17	Maternal Exhaustion
18	Malpresentation (excluded breech and transverse lie)
19	Multiple pregnancy
20	Other Obstetrical conditions
21	Other Fetal conditions
22	Previous c-section
23	Prolapse cord
24	Placenta Previa
25	Previous traumatic delivery (3rd + 4th degree tear)
26	Prolonged ruptured of membranes >18hr
27	Prolonged ruptured of membranes >24hr
28	Fetal anomaly
29	Suspected/imminent uterine rupture
30	Diseases of the cervix
31	Uterine surgery
32	Post-mortem c-section
33	Concern for fetal well-being
99	Unknown

VBAC Eligibility

Found on the antenatal record

*Refers to if patient is eligible for a VBAC(vaginal birth after caesarean)

Dictionary Provided

Y, 1	Yes
N, 2	No
U, 3	Unknown

PROM Found on the antenatal record, labour and delivery record/OR record
Refers to Premature Rupture of Membranes

1	No
2	>18hr
3	>24hr

*Will autofill with "No"

First Stage Labour Date/Time Found on the Labour and Delivery Record
*Refers to the date/time the woman's labour was established.
Format - YYYY/MM/DD HH/MM

If no date is available/applicable, please leave this field empty and answer the next field.

Dilatation of cervix: >3 cm for nullipara and >4 cm for the multipara.

Unknown First Stage Of Labour Refers to an unknown/not applicable first stage labour date/time.
If it was a planned elective c-section or the date is not available for entry, please indicate YES in this field.

Second Stage of Labour Date/Time Found on the Labour and Delivery Record
*Refers to the date/time the woman is fully dilated.
Format - YYYY/MM/DD HH/MM

If no date is available/applicable, please leave this field empty and answer the next field.

Unknown Second Stage Of Labour Refers to an unknown/not applicable second stage labour date/time.
If it was a planned or emergent c-section or the date is not available for entry, please indicate YES in this field.

Examples: * In this chart, the documentation was clear and indicated both the first stage and second stage labour date/time.

First St Lab Dt Tm	2016/07/28 09:15
Unkown F St La DT Tm	
Sec Stage Lab Dt Tm	2016/07/28 13:42
Unkown S St La DT Tm	

*In this chart, there was no labour date/time indicated for either stages.

First St Lab Dt Tm	
Unkown F St La DT Tm	YES
Sec Stage Lab Dt Tm	
Unkown S St La DT Tm	YES

**In this chart, the first stage was indicated, however her labour stopped progressing and resulted in an emergency c-section. No second stage labour was commenced.*

First St Lab Dt Tm	2016/08/04 12:44
Unkown F St La DT Tm	
Sec Stage Lab Dt Tm	
Unkown S St La DT Tm	YES

Pain Management Method

Found on the Labour and Delivery Record/ Operative Report

*Refers to any anesthesia given to the woman for pain management during the total phase of labour and delivery.

*Please note you can enter up to a maximum of 4 different pain management methods into the abstract. Duplicate entry is not allowed within the 4 fields.

Dictionary Provided

1	None
2	Local
3	Pudendal
4	Entonox
5	Epidural
6	Spinal
7	General
8	Narcotics (Includes fentanyl/versed)
9	Other

The pain management method includes any anesthesia/analgesia that the woman received during her first stage labour up until delivery (including any retained products of conception).

NEONATE CHAPTER

PERINATAL RESULTS

Birth Number

Found on the Labour/delivery Record

Format - number

*Code the number of fetuses which the mother carried to delivery during the present pregnancy. If the baby is a twin, you would code 02. If the baby is a triplet, code 03, etc.

Birth Sequence

Found on the Labour/Delivery Record

Format - number

*Refers to what sequence the baby was born.

Use the following codes to help you abstract the appropriate choice.

1	Singleton, or first born of twins, triplets..
2	Second born of twins, triplets...
3	Third born of triplets...
4	Fourth born of quadruplets...
5	Etc., if applicable

Presentation of Fetus

Found on the labour and delivery/OR record

*Refers to the presentation of the fetus

Dictionary provided

1	Breech
2	Brow
3	Compound presentation
4	Face
5	Frank breech
6	Footling breech
7	Persistent occiput posterior (ROP,LOP, OP)
8	Shoulder presentation
9	Vertex (Cephalic, LOA, ROA, OT ,ROT, LOT, OA, Transverse)
99	Unknown

Stillborn

Found on the Labour/Delivery Record

Dictionary provided

1	Death before Labour onset
2	Death during Delivery/Labour

When MPS '54' this field will automatically bypass.

When MPS '89', this field only (in this chapter) will be available for entry.

Place of birth

Found on the Admission/Discharge notes/ Neonatal Transfer Form /
Nurses notes

*Refers to the place of birth the baby was born.

Dictionary provided

1	Clinic/Doctors office
2	Free Standing Birth Center
3	Hospital
4	In transport
5	Other
6	Residence

Gestational Age

Found on the Labour and Delivery Record/ Admission and Discharge notes

Format - Number (2 digits), Number (1 digit)

Ex : 39 weeks and 6 days

Validation Rule - a number greater than 44 is not valid for the number of weeks. A number greater than 6 is not valid for days.

If the days are not available, code '0' for days.

If gestational age is not available enter 99 for the weeks and 9 for the days for unknown.

Gestational Age Method

Found on the Labour and Delivery Record/ Antenatal Record

*Refers to what method was used to determine the Estimated Date of Delivery (EDD).

Dictionary provided

1	LMP	Last Menstrual Period
2	US	Ultrasound
4	ART	Artificial Insemination
3	UN	Unknown

If 2 methods were used, please choose Ultrasound as the answer.

If the Gestational age is quoted and the method used is questionable choose Unknown.

Neonatal Assessment

Found on the Newborn Admission and Discharge report / Baby Record

Format - Number (2 digits), Number (1 digit)

Ex : 39 weeks and 6 days

*Enter the gestational age of the neonate when the newborn assessment was done.

Validation Rule - a number greater than 44 is not valid for the number of weeks. A number greater than 6 is not valid for days.

If the days are not available, code '0' for days.

If gestational age is not available enter 99 for the weeks and 9 for the days for unknown.

Birth Length (cm)

Found on the Newborn Admission and Discharge Report/ Baby Record

Format - Number

Maximum value is '99'

If unknown, code '99'

Head Circumference (cm)

Found on the Newborn Admission and Discharge Report/ Baby Record

Format - number

*This refers to the **birth** head circumference.

Maximum value is '99'.

If the value is unknown, code '99'.

Apgar Score 1 minute

Found on the Labour and Delivery Record/ Newborn Admission and Discharge Report/ Baby Record

Format - number (0-10)

If the value is unknown, code 99.

Apgar Score 5 minute

Found on the Labour and Delivery Record/ Newborn Admission and Discharge Report/ Baby Record

Format - number (0-10)

If the value is unknown, code 99.

Ventilation: Bag and Mask

Found on the Labour and Delivery Record/ Neonatal Respiratory Care form

*This includes ventilation with bag and mask, CPAP, or any non-invasive PPV (Positive Pressure Ventilation).

Dictionary provided

Y,1	Yes
N, 2	No
U, 3	Unknown

Ventilation: Endotracheal Tube

Found on the Labour and Delivery Record/ Neonatal Respiratory Care form

*Refers to any ventilation done by endotracheal tube.

Dictionary provided

Y,1	Yes
N, 2	No
U, 3	Unknown

ABNORMAL CONDITIONS OF THE NEWBORN

Assisted Ventilation

> = 30 minutes

Found on the Neonatal Respiratory Care Chart/ Labour and Delivery Form

*This fields indicates if the neonate received "invasive" ventilation for greater than 30 minutes. May include mechanical ventilation, Neopuff or any ventilation were intubation is required.

Dictionary provided

Y,1	Yes
N, 2	No
U, 3	Unknown

BPD (Bronchopulmonary Dysplasia)

28 days

Found on the Newborn Admission and Discharge Form/ X-ray /
Discharge summary

*Refers to pulmonary disease of prematurity. The infant must still be
on oxygen at 28 days of age.

Dictionary provided

Y,1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from the category P27.1

BPD (Bronchopulmonary Dysplasia)

36 weeks

Found on the Newborn Admission and Discharge Form/ X-ray /
Discharge summary

*This calculation accounts for the degree of prematurity.

Dictionary provided

Y,1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from the category P27.1

Ex: An infant born at 30 weeks gestation would be 36 weeks corrected
age after a 6 week length of stay. (42 days)

Refer to the following table to aid in coding

Gestation at birth	Length of stay to reach 36 weeks corrected age
26 weeks	10 weeks or 70 days
27 weeks	9 weeks or 63 days
28 weeks	8 weeks or 56 days
29 weeks	7 weeks or 49 days
30 weeks	6 weeks or 42 days
31 weeks	5 weeks or 35 days
32 weeks	4 weeks or 28 days

Congenital Sepsis

Found on the Newborn Admission and Discharge Form/ Microbiology Reports

*If sepsis is not mentioned on the chart assume No. Only code if the physician has documented the diagnosis, it cannot be based on the laboratory values alone.

If sepsis is suspected and antibiotics treatment has been initiated, please assign Yes in this field.

Dictionary provided

Y,1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from the category P36.^, Z29.2

Meningitis

Found on the Newborn Admission and Discharge Form/ Microbiology Reports

*If Meningitis is not mentioned on the chart assume No. Only Code if the physician has documented the diagnosis, it cannot be based on the laboratory values alone.

Dictionary Provided

Y,1	Yes
N, 2	No
U, 3	Unknown

PDA
(significant patent ductus
Arteriosis)

Found on the Newborn Admission and Discharge Form/Discharge Summary/ Transfer Report (IWK)

*If PDA is not mentioned, assume No.

Dictionary provided

Y,1	Yes
N, 2	No
U, 3	Unknown

Assign a code, mandatory, from the category Q25.0

Admission to SCU

Found on the labour and delivery record, nurses notes
*Refers to if the patient was admitted to the special care unit
*Only effective in Miramichi

Dictionary Provided

Y,1	Yes
N, 2	No
U, 3	Unknown

STILLBORN

For all cases with a Main Patient Service (MPS) of **89 - Stillborn**, the following field must be filled in the abstract

Stillborn

Found on the Labour/Delivery Record

Dictionary provided

1	Death before Labour onset
2	Death during Delivery/Labour

When MPS '54' this field will automatically bypass.

When MPS '89', this field only (in this chapter) will be available for entry.

Project 400- Infant Feeding Form - OLD FORM

Uninterrupted Skin to Skin with mother

Found on infant feeding form

Y, 1	Yes
N, 2	No

What did the newborn receive at the first feeding after birth

Found on infant feeding form

1	Breastmilk
2	Infant formula
3	The newborn was not fed at this facility

*If 3 is selected do not answer the following questions 3-5.

From Birth to discharge/transfer from hospital

Found on infant feeding form

1	Breastmilk only
2	Breastmilk and other liquid(s)
3	Infant formula only

*If infant formula only do not answer question 4

Did the infant experience any of the following medical conditions

Found on infant feeding form

Y, 1	Yes
N, 2	No

Did the mother experience any of the following medical conditions

Found on infant feeding form

Y, 1	Yes
N, 2	No

Project 400- Infant Feeding Form - NEW FORM

Uninterrupted Skin to Skin with mother

Found on infant feeding form

Y, 1	Yes
N, 2	No

Breastmilk during Hospital stay

Found on infant feeding form

1	Yes
2	No
3	The newborn was not fed in this facility

*If 3 is selected do not answer the following questions 3-5.

From Birth to discharge/transfer from hospital

Found on infant feeding form

1	Breastmilk only
2	Breastmilk and other liquid(s)
3	Infant formula only

*If infant formula only do not answer question 4

Breastmilk at discharge/transfer

Found on infant feeding form

Y, 1	Yes
N, 2	No

Medical conditions affecting infant/mother

Found on infant feeding form

Y, 1	Yes
N, 2	No

Midwifery Care Record-Maternal

For all maternal midwifery care records

Date of first prenatal visit (with a midwife)

Found on the midwifery care record-Maternal

Date in YYYY/MM/DD

Gestational age (at first prenatal visit)

Found on midwifery care record-Maternal

Format in weeks

Intended place of birth during prenatal period

Found on the midwifery care record-Maternal

Dictionary provided

1	Hospital
2	Home

Intended place of birth at onset of active labour

Found on the midwifery care record-Maternal

Dictionary provided

1	Hospital
2	Home

Actual place of birth

Found on the midwifery care record-Maternal

Dictionary provided

1	Hospital
2	Home
3	Other

Labour

Was Emergency Medical Services(EMS) called to the home at any time during labour

Found on the midwifery care record-Maternal

Dictionary provided

Y, 1	Yes
N, 2	No

Birth

Was Emergency Medical Services(EMS) called to the home at any time during birth

Found on the midwifery care record-Maternal

Dictionary provided

Y, 1	Yes
N, 2	No

Immediate Postpartum

Was Emergency Medical Services(EMS) called to the home at any time during immediate postpartum

Found on the midwifery care record-Maternal

Dictionary provided

Y, 1	Yes
N, 2	No

Was there a transfer to hospital using EMS during a planned hospital birth?

Found on the midwifery care record-Maternal

Dictionary provided

Y, 1	Yes
N, 2	No

Was there a transfer to hospital during a planned home birth?

Found on the midwifery care record-Maternal

Dictionary provided

Y, 1	Yes
N, 2	No

If 'No' is selected 3M will bypass the next field

If yes, was the transfer by:

Found on the midwifery care record-Maternal

1	Car
2	EMS(non-urgent)
3	EMS(urgent)

Second attendant during a home birth

Found on the midwifery care record-Maternal

Dictionary provided

1	Registered Midwife
2	EMS
3	Second Attendant

Was there a Transfer of Care to another care provider during pregnancy, labour or postpartum

Found on the midwifery care record-Maternal

Dictionary provided

Y, 1	Yes
N, 2	No

If yes, was the transfer temporary or permanent

Found on the midwifery care record-Maternal

Dictionary provided

1	Temporary
2	Permanent

Was there a consultation with another care provider

Found on the midwifery care record-Maternal

Dictionary provided

1	Antepartum
2	Intrapartum
3	Postpartum
3	No

*Multiple Occurrence field

Did the client leave midwifery care during pregnancy?

Found on the midwifery care record-Maternal

Dictionary provided

Y, 1	Yes
N, 2	No

If 'No' is selected 3M will bypass the next field

If yes, why?

Found on the midwifery care record-Maternal

Dictionary provided

1	Pregnancy Loss
2	Pregnancy Termination
3	Other Medical Reasons
4	Relocation
5	Client choice
6	Midwife choice
7	Other

Does the client fall into any of the following population categories

Found on the midwifery care record-Maternal

Dictionary provided

1	Poverty
2	Food Insecurity
3	Inadequate housing
4	Social Isolation due to language barrier
5	Social Isolation due to cultural barrier
6	Social Isolation due to rural distances
7	Social Isolation due to immigration/refugee status
8	Social Isolation due to extended absence of partner for employment
9	Social Isolation due to incarceration
10	Identifies as LGBTQ
11	Single parent
12	Receiving Social Assistance
13	Less than 21 years old at time of delivery
14	Student
15	Military or partner in Military
16	Minority by race, religion or ethnicity
17	First nations, Metis or Inuit
18	Has not completed high school education
19	Cognitive, physical or behavioural disabilities
20	Current/previous domestic or sexual abuse
21	Addictions or mental health concerns
22	Significant previous trauma related to pregnancy or childbirth
23	History of involvement with child protection
24	Requesting vaginal birth after caesarean
25	Requesting home birth
26	Other
27	None

Date of discharge from Midwifery care

Found on the midwifery care record-Maternal

Date in YYYY/MM/DD

Midwifery Care Record-Infant

For all home and hospital births

If baby was born in hospital, start on question 5 (Feeding from birth to discharge from Midwifery services)

Skin to Skin

Found on the midwifery care record-Maternal

Dictionary provided

Y, 1	Yes
N, 2	No

First feeding after birth

Found on the midwifery care record-Infant

Dictionary Provided

1	Breast milk
2	Infant formula
3	Infant not fed in this facility

***If newborn not fed in home(transferred to hospital or neonatal death do not answer questions 3 and 4)**

Did the infant experience any of the following medical conditions?

Found on the midwifery care record-Infant

Dictionary provided

Y, 1	Yes
N, 2	No

***In 3m only "Yes" or "No" option**

Did the mother experience any of the following medical conditions?

Found on the midwifery care record-Infant

Dictionary provided

Y, 1	Yes
N, 2	No

***In 3m only "Yes" or "No" option**

Feeding from birth to discharge from Midwifery services

Found on the midwifery care record-Infant

Dictionary Provided

1	Breast milk
2	Infant formula
3	Infant not fed in this facility

Indication for Supplementation

Found on the midwifery care record-Infant

Dictionary Provided

1	Birth weight less than 1500g
2	Gestational age less than 32 weeks
3	Hypoglycemia due to impaired metabolic adaptation or increased glucose demand
4	Significant weight loss in presence of clinical indications
5	Clinical indication of insufficient milk intake
6	Metabolic disorder
7	Maternal severe illness
8	Herpes simplex virus 1-lesions on the breast
9	Maternal medications
10	Breast surgery
11	Maternal choice
12	Other

Transfer of Care to another primary provider Found on the midwifery care record-Infant
(during infants first six weeks of life)

Dictionary provided

Y, 1	Yes
N, 2	No

Consultation with another care provider
(during infants first six weeks of life)

Found on the midwifery care record-Infant

Dictionary provided

Y, 1	Yes
N, 2	No

Discharge date from Midwifery care

Found on the midwifery care record-Infant

Date in YYYY/MM/DD

MATERNAL AND NEWBORN DIAGNOSTIC AND INTERVENTION CODES

Please refer to the ICD-10-CA/CCI Folio Program for a complete list of approved diagnostic and interventions codes for maternal, newborn and congenital anomaly coding.

For further coding and abstracting instructions and mandatory data collection , please refer to the Canadian Coding Standards v2018, the Discharge Abstract Database manual (DAD) as well as any coding/abstracting instructions given by Department of Health.

ICD-10-CA Chapters

Chapter XV - Pregnancy, childbirth and the puerperium (O00-O99)

Chapter XVI - Certain conditions originating in the perinatal period (P00-P96)

Chapter XVII - Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99)

CCI Sections

Section 5 - Obstetrical and Fetal Interventions

CONTACT INFORMATION

For any Feedback, comments or questions regarding any section of the NB Perinatal Health Program coding manual, please contact :

Sarah Mallais, CHIM/CGIS, Informatics Coordinator for PerinataINB

Phone : **506-870-2454**

Email : **sarah.mallais@horizonnb.ca**

Appendix A - List of field changes and modifications

Reproductive Chapter

No changes to report

Mother's Information Chapter

- *Mother's ethnicity field
- *Mother's/father's education level
- *Father's Work Status
- *Pre-pregnancy Marijuana use
- *Pregnancy Marijuana Use
- *Pregnancy Marijuana Intake
- *Substance field
- *Folic acid dosage
- *Folic Acid date available-removed
- *Folic acid start date-removed
- *Method of Conception
- *Pregnancy on contraceptive

Previous OBS History Chapter

- *Last delivery date field-removed
- *Last delivery date unknown-removed
- *Last abortion date available-removed
- *Last abortion date -removed
- *Last menstrual data available-removed
- *Last menstrual period date-removed
- *Group B strep results field
- *Breastfeeding education field

Labour and Delivery Chapter

- *Type of Labour field
- *ARM (to induce)-Removed
- *Spontaneous field-Removed
- *Induced field-Removed
- *Blood transfusions field- Removed
- *Indication for Caesarean field
- *VBAC eligibility field
- *PROM field

Neonate Chapter

- *Neonatal classifications field-Removed
- *Presentation of Fetus
- *Gestational age field
- *Head circumference field
- *Birth length field
- *Admission to SCU field

Midwifery Mat

- *Date of first prenatal visit
- *Gestational age at first prenatal visit
- *Intended place of birth(prenatal)
- *Intended place of birth(active labour)
- *Actual place of birth
- *Labour
- *Birth
- *Immediate Postpartum
- *Was there a transfer to hospital by EMS during a planned home birth
- *Was there a transfer to hospital during a planned home birth
- *If yes, was the transfer by
- *Second attendant during a home birth
- *Was there a transfer of care to another care provider
- *If yes, was the transfer temporary or permanent
- *Was there a consultation with another care provider
- *Did the client leave midwifery care during pregnancy
- *If yes, why?
- *Population categories
- *Date of discharge from midwifery care

Midwifery Infant

- *Skin-to-Skin
- *First feeding after birth
- *Did the infant experience any of the following medical conditions
- *Did the mother experience any of the following medical conditions
- *Feeding from birth to discharge from midwifery services
- *Indication for supplementation
- *Transfer of Care to another primary provider
- *Consultation with another care provider
- *Discharge date from Midwifery care